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PART IV-A

Rules and Orders (Other than those published in Parts I, I-A, and I-L) made by the Government of Gujarat under the Central Acts

ENERGY & PETROCHEMICALS DEPARTMENT

NOTIFICATION

Sachivalaya, Gandhinagar, 30th September, 2022

No.GE-2022-(66)-GET-11-2022-3156-K:- Whereas Gujarat Energy Transmission Corporation Limited, Vadodara, has been declared as an State Transmission Utility (STU) vide EPD's Notification No.GHU-2004-GEB-1104-2964-K dated 29.5.2004,

- (2) And whereas in pursuance of the provisions under section 38 and 39(2) of the Electricity Act, 2003, GETCO, has been casted the responsibility of laying down such essential Transmission Network across the State for providing power to the consumers of the State, through Distribution Utilities under the State Government,
- (3) And whereas since the inception of the Electricity Act, 2003 with the previous approval accorded by Government, GETCO is to undertake some new Transmission networks including overhead lines as specified in Annexure-A attached herewith.
- (4) Now, therefore, Government is pleased to accord approval u/s 68(1) of the Electricity Act, 2003, to GETCO, an STU, for carrying out new and ongoing works as referred to, at item No.(3) above, subject to the compliance of provisions of the Electricity Act - 2003, work of Licensees Rules - 2006 and CEA (Measures relating to safety and Electrical Supply) Regulations, 2010, relevant provisions of the Indian Telegraph Act, 1855 as stipulated in the section 164 of the Electricity Act, 2003, the CEA (Safety requirements for construction, operation and Maintenance of Electrical Plants and Electrical Lines) Regulations, 2011 and provisions of the Works of Licensees Rules, 2006.
- (5) The approval of Government, as mentioned above, is subject to the condition that wherever necessary, GETCO would obtain necessary approvals / clearance from the concerned State Authorities including local authorities of the concerned area.

Annexure A

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
A 220 kV Line							
1	LILO of one circuit of 220kV D/C Kasor - Gavasad Line at 220 kV Gotri s/S with ACSR Zebra conductor along with conversion of 132 kV D/C gotri - Dhuvaran - Karamsad line with ACSR panther conductor in 220kV M/C & D/C tower line & OPGW & dismantling of existing 132kv D/C Gotri - Dhuvaran -Karamsad line - 2X24.443KM = 48.886 kM from Gotri s/s on turnkey basis	D/C	Jambuva	Jambuva	48.886	New	220kV
2	220KV D/C line from existing 400KV Vav GIS Sub station to new 220KV Garden, Jolva sub station at Jolva, Surat on overhead tower with Zebra Conductor & UG Cable for M/s. Garden Silk Mills, Jolva At Village: Jolva,Ta: Palsana, Dist: Surat. OH- 10.5 CKm, U/G: 1.0 CKm.	D/C	Navsari	Navsari	11.5	New	220kV
3	220KV D/C Line with AL-59 within premises of 220KV Kalawad Ss upto 1st Tower of 400KV D/C Kalawad Bhogat line for stop gap arrangement of 220KV Babarzar Ss	D/C	Jamnagar	Jamnagar	1.24	New	220kV
B 132 kV Line							
1	Erection of 132kV D/C tower line with ACSR Panther conductor with 24F OPGW Cable(route length - 0.887kM) and partly laying of 132kV, 800sq.mm 2X(2+1) XLPE U/G cable line(route length - 0.705kM) from 132kV Chhotauddepur (Vasedi) GETCO S/s to switchyard of Chhotauddepur TSS of M/s Indian Railway for drawl of 1.1MW Power under Long Term Open Access under deposit scheme (Option-1A) O/H: 2x0.887=1.774kM U/G:2X0.705kM = 1.41kM	D/C	Jambuva	Jambuva	1.41	New	132 kV
C 66 kV Line							
1	66kV LILO at Prop. 66KV Kariyana S/S from existing 66kV D/C Rojmal-Khambhala " Sauni Yojna" Line (Prop. 220Kv Charkha to 66Kv Rojmal S/S) on D/C Tower with ACSR Panther Conductor, Tal.: Babra, Dist.: Amreli (Route Length : 8.62 KM)	D/C	Amreli	Amreli	17.24	New	66kV
2	66KV D/C Panther Tower LILO Line to 66KV Sanes Sub-Station from 66KV Vallabhipur – Nirma Line-1 with D/C Panther Conductor Stringing Work under deposit work for evacuation of 55MW Solar power from GSECL Solar Power Plant (Route Length : 6.40 KM)	D/C	Amreli	Amreli	12.8	New	66kV
3	66KV D/C LILO66KV Bharasar(Samatra) from existing 66KV Bhuj(A) – Dahisara Tap Baladiya H-frame line	D/C	Anjar	Anjar	9.6	New	66kV
4	66KV D/C LILO Sambharai from existing 66KV Hajapar-Dumra	D/C	Anjar	Anjar	26.4	New	66kV
5	66kV S/C Shah-Umelav panther Tower line with Panther conductor having total line length 6.8 Rkm.	S/C	Bharuch	Bharuch	6.8	New	66kV
6	66kv S/C Dhrol (66kv Dhrol Ss) Jayva line with ACSR Panther conductor & 66kv 1C 630 Sqmm (3+1) UG Cable	S/C	Jamnagar	Jamnagar	11.952	New	66kV
7	66kv D/C Dhrasanel - Samlasar line with ACSR Panther Conductor	D/C	Jamnagar	Jamnagar	27.54	New	66kV
8	66kv S/C Khiri - Khiri (Shreeji Coke) line on D/C Tower with ACSR Panther conductor & 66kv 1C 630Sq mm (3+1) Al corrugated sheath UG Cable	S/C	Jamnagar	Jamnagar	0.865	New	66kV
9	66KV LILO at Visaman SS from exist. 66kV S/C Nagajar - Khengarka H Frame DOG Line on D/C Tower with Panther Conductor	D/C	Gondal	Rajkot	9.500	New	66kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
10	66kV S/C Umrali (Vartman Energy WF) – Mevasa line partly by utilizing spare circuit of existing 66kV Umrali (WF) – Rabarika line upto exist. Loc. No. 51 & partly by erecting new line from exist. Loc. No. 51 to Mevasa Ss Gantry on D/C tower with ACSR Panther conductor having line length – 1.830KM.	S/C	Gondal	Rajkot	1.830	New	66kV
11	66KV Faredi LILO line from existing 66kv Dugarwada-Malpur line	D/C	Himmatnagar	Himmatnagar	1.98	New	66kV
12	66KV Singha LILO line from existing 66kv Sunadarpur Netramali line	D/C	Himmatnagar	Himmatnagar	7.11	New	66kV
13	66KV Kheda LILO line from existing Dhansura-Bayad tape Vasnirel line	D/C	Himmatnagar	Himmatnagar	1.57	New	66kV
14	Erection of proposed 66kV LILO line at 66kV Ambali S/s from existing 66kV H-Frame Godhra – Tuva line on Panther tower with ACSR Dog conductor having route length 2.38 RkM under Jambuva Construction Division. 2 X 2.38 = 4.76kM	D/C	Jambuva	Jambuva	4.76	New	66kV
15	66kV S/C Sevaliya Timba line on D/C Panther tower with ACSR Panther conductor having route length 8.48RkM(O/H=8.077kM & U/G=0.403kM) for network strengthening to cater power demand of M/s Wonder cement ltd.O/H=8.077kM & U/G=0.403kM Total = 8.48kM	S/C	Jambuva	Jambuva	8.48	New	66kV
16	66kV S/C line from 66kV Sarasva s/s to proposed 66kV Batakwada S/s. Approximate line length : 13.30Kms.	S/C	Jambuva	Jambuva	13.3	New	66kV
17	66kV D/C Amaliyara Sayajipura line for proposed 66kV Sayajipura SS with ACSR Panther conductor on D/C Panther tower and on H-Frame structure having route length 6.565kM(O/H=3.285RkM; U/G=3.280RkM)	D/C	Jambuva	Jambuva	13.13	New	66kV
18	66kV S/C Saudas na Muvada - Nandarva line on D/C Panther tower with ACSR Panther conductor having length of 33.35RkM for network strengthening to release new power demand in respect of M/s Executive Engineer, NWRSW&K Dept Panam colony, Civil Lines road, Godhra for unit located at Village Mahelan(PS 6) Ta Shahera, Dist Panchmahal	S/C	Jambuva	Jambuva	33.35	New	66kV
19	66kV D/C line from existing 220kV S/s to proposed 66kV Gorwa (Samta) S/s with 630sq.mm (6+1) underground cable having length 2 X 2.54RkM = 5.08kM	D/C	Jambuva	Jambuva	5.08	New	66kV
20	66kV LILO line to proposed 66kV Vadsar S/s from one Ckt of existing 66kV Karjan - Atladara line on tower (M/C+D/C) with ACSR Panther conductor having length 2 X 2.46RkM = 4.92kM	D/C	Jambuva	Jambuva	4.92	New	66kV
21	66kV LILO to proposed 66kV Mankni(TASP) S/s from existing 66kV Ladhad - Bhatpur line on tower with ACSR Panther conductor having length 2 X 4.12RkM = 8.24kM	D/C	Jambuva	Jambuva	8.24	New	66kV
22	66kV S/C from 66kV Jambuva- B S/s to 66kV Karvan S/s partly by utilizing old PDC 132kV Jambuva - Modern Petrofils line having length 12.215RkM, partly by constructing new line on tower with ACSR Panther conductor having length of 7.846RkM and partly with 630sq.mm (3+1) underground cable having length 0.445RkM under Kisan Suryoday Yojna (12.215(old PDC)kM+7.846(O/H)kM+0.445(U/G)kM=20.506RkM)	S/C	Jambuva	Jambuva	20.506	New	66kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
23	66kV S/C link line on D/C Panther Tower with ACSR Panther conductor from existing 66kV Baradiya S/s to existing 66kV Chiroda S/s, having length of 13.50 RKM.	S/C	Junagadh	Junagadh	13.5	New	66kV
24	66kV D/C Tower line from existing 220kV Timbadi S/s to switchyard of M/s Shapoorji Energy Pvt. Ltd. (At Vill.: Chhara, Ta.: Kodinar, Dist.: Gir-Somnath) with ACSR Panther conductor, partly with erection of H-Frame structures (OH Line Route Length: 28.307 RKM) and partly with laying of 66kV 630 sq.mm, Al. corrugated sheathed XLPE, UG cable line (UGC Line Route Length: 1.145 RKM.), having total line length of (OH -28.307 + UGC-1.145) 29.452 RKM.	D/C	Junagadh	Junagadh	58.904	New	66kV
25	66kv LILO to proposed 66kv Nani Kadi ss from Existing 66kv Rangpurda-Sadra line on D/c Tower with D/C Panther conductor having length 0.290 KM and partly with 630 sq.mm (6+1) UG cable having length 2.475 KM (Total 2.765 KM)(5.53 CKM (OH + UG))	D/C	Mehsana	Mehsana	5.53	New	66kV
26	66kv LILO to proposed 66kv Jornang ss from Existing 66kv Langhnaj-Mandali-Nandasan Tap line on D/c Tower with D/C Panther conductor having length 0.406 RKM	D/C	Mehsana	Mehsana	0.812	New	66kV
27	Erection of D/C 66kV LILO at 66kV Medra S/s from existing 66kV Ranasan – Dabhoda Tap Naroda (Tapping point to Dabhoda) line on D/C tower with ACSR Panther conductor having length 0.203 RKM with establishing of 66kV Medra S/s under normal development scheme.	D/C	Nadiad	Nadiad	0.406	New	66kV
28	Erection of D/C 66kV LILO at 66kV Vatva S/s from existing 66kV Dehgam – Kadadara line on D/C tower with ACSR Panther conductor having length 3.54 RKM with establishing of 66kV Vatva S/s under normal development scheme.	S/C	Nadiad	Nadiad	3.54	New	66kV
29	Erection of S/C 66kV Vaso S/s to 66kV Sandhana S/s line on D/C tower with ACSR Panther conductor having length 7.0 RKM under R&M scheme..	D/C	Nadiad	Nadiad	14	New	66kV
30	Erection of 66kV S/C Sevalia (220kV) – Rakhiyal line partly on D/C tower with ACSR Panther conductor having length 22.649 RKM partly with 630 sq.mm. (3+1) Al. alluminium XLPE U/G cable line (route length 0.200 KM) (i.e. tower line from 220kV Sevalia S/s to common point AP 45 with length 16.689 Rkm + Common point to 66kV Rakhiyal S/s with length 6.16 RKM (5.96 RKM over head + 0.200 RKM UG cable) under normal development scheme. (Total length: 16.689+5.96+0.200 = 22.849 RKM)	S/C	Nadiad	Nadiad	22.849	New	66kV
31	Erection of 66kV S/C Sevalia (220kV) – Thasra line partly on D/C tower with ACSR Panther conductor having length 17.253 RKM (i.e. tower line from 220kV Sevalia S/s to common point AP 45 with length 16.689 Rkm + Common point to 66kV Thasra S/s with length 0.564 RKM under normal development scheme. (Total length: 16.689+0.564 = 17.253 RKM)	S/C	Nadiad	Nadiad	17.253	New	66kV
32	66KV S/C line from existing 66KV Ukai (Hydro) Sub station to new 66KV Bhimpura sub station line on overhead Panther tower with Panther Conductor & UG Cable for (NWRWS & KD Pumping station At Village: Bhimpura & Ta: Songadh, Dist: Tapi	S/C	Navsari	Navsari	4.2	New	66kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
33	66KV D/C line from existing 220KV Talangpore Sub station to new 66KV GMRC sub station at Khajod, Surat on overhead Panther tower with Panther Conductor & UG Cable for M/s. Gujarat Metro Rail Corp. (GMRC) At Village: Khajod,Ta: Surat City, Dist: Surat OH-6.2 CKm. U/G: 1.0 CKm.	D/C	Navsari	Navsari	7.2	New	66kV
34	Erection of 66KV S/C line from existing 66KV Sundaribhavani S/S to proposed 66KV Nadadhari S/S on D/C & Narrow base tower with ACSR Panther Conductor having route length of 9.17 RKM	S/C	Surendranagar	Limbdi	9.17	New	66kV
35	Erection of 66KV LILO at proposed 66KV Ishanpur S/S from existing 66KV H/Frame Mansar-Malaniyad line on D/C tower with ACSR Panther conductor having route length 0.32 RKM	D/C	Surendranagar	Limbdi	0.64	New	66kV
36	Erection of 66KV LILO at proposed 66KV Kadiyana S/S from existing 66KV H/Frame Charadava-Sarambhda line on D/C tower with ACSR Panther conductor having route length 0.29 RKM	D/C	Surendranagar	Limbdi	0.58	New	66kV
37	Erection of 66kV S/C line from existing 400KV Pachchham S/S to existing 66KV Dholera S/S on D/C & M/C tower with ACSR panther conductor having route length of 13.309 KM and partly with 66KV XLPE, 1C, 630 sq. mm. (3+1) U/G cable having route length of 5.133 KM, total length of line is 18.442 RKM (O/H – 13.309 KM + U/G – 5.133 KM)	S/C	Surendranagar	Limbdi	18.442	New	66kV
38	Erection of 66kV S/C line from existing 400KV Pachchham S/S to existing 66KV Khasta S/S on D/C & M/C tower with ACSR panther conductor having route length of 16KM and partly with 66KV XLPE, 1C, 630 sq. mm. (3+1) U/G cable having route length of 0.25 KM, total length of line is 16.25 RKM (O/H – 16.0 KM + U/G – 0.25 KM)	S/C	Surendranagar	Limbdi	16.25	New	66kV

Abbreviation

D/C	Double Circuit
S/C	Single Circuit
M/C	Multi Circuit
UG Cable	Under Ground Cable
WIP	Work in progress
O/H	Over head

By order and in the name of the Governor of Gujarat,

DIPESH RAJ,
Under Secretary to the Government.

